Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview (All Capital Assets)

1. Date of Submission:	4/10/2009
2. Agency:	Department of Energy
3. Bureau:	Departmental Administration
4. Name of this Capital Asset:	Consolidated Infrastructure, Office Automation, and Telecommunications Program
5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.)	019-60-02-00-01-5000-00
6. What kind of investment will this be in FY 2010? (Please NOTE: Investments moving to O&M in FY 2010, with Planning/Acquisition activities prior to FY 2010 should not select O&M. These investments should indicate their current status.)	Mixed Life Cycle
7. What was the first budget year this investment was submitted to OMB?	FY2004

8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap:

The Consolidated Infrastructure investment consists of approx. 387 infrastructure sub-investments that support DOE's business and mission processes. These infrastructure components support DOE in meeting strategic goals described in the DOE Strategic Plan (theme 5 Management Excellence), DOE's IT Strategic Plan, and IT A76 objectives. In addition, this Consolidated Infrastructure investment is aligned with the OMB ITI LOB, Trusted Internet Connection, Cyber Security, IPv6, and HSPD-12 cross-agency initiatives. This investment consists of End-User Support, Telecommunications, Mainframes and Servers, and Cyber Security services, which directly aligns to the ITI LOB. DOE is participating with the ITI LOB PMO in developing the infrastructure segment architecture. The DOE relies on and manages these Information Technology services to enhance Mission Support and operating efficiencies, and meet required service levels. As evidenced in the Gartner results, DOE's infrastructure components are managed well within industry best practices for effectiveness. DOE has conducted benchmarking for the Federal portion of the EUSS and was validated by the ITI LOB's independent contractor as well within industry best practices, metrics, and costs. Further analysis of contractor facilities is currently being conducted to align those facilities with the metrics and costing already established in the DOE ITI LOB 5 Year Plan; the remaining functional areas are currently being updated in the next revision of the plan. DOE's IT Vision is to effect governance and processes in order to provide access to modern, reliable, and secure IT infrastructure and systems to support and enhance DOE's mission in the 21st century. Our IT strategic goals are based on three basic requirements: simple access, effective management, and strengthened security. This Consolidated Infrastructure investment supports internal and cross-agency goals by supplying digital technologies to transform government operations in order to improve effectiveness, efficiency, and service delivery.

This business case is a summary of the investments identified as part of the DOE's consolidated infrastructure. As such, this business case describes, at a high level, the end-user support systems, telecommunications systems, mainframe/server system and cyber security systems used to support the DOE complex. The specific details of the individual investments that comprise this business case are summarized below.

9. Did the Agency's Executive/Investment Committee approve this request?	Yes
a. If "yes," what was the date of this approval?	8/21/2008
10. Did the Project Manager review this Exhibit?	Yes
11. Contact information of Program/Project Manager?	
Name	Hill, Denise and Malone, Tracey
Phone Number	202-586-5848 / 301-903-8373
Email	denise.hill@hq.doe.gov / tracey.malone@hq.doe.gov
a. What is the current FAC-P/PM (for civilian agencies) or DAWIA (for defense agencies) certification level of the program/project manager?	Waiver Issued
b. When was the Program/Project Manager Assigned?	5/1/2007
c. What date did the Program/Project Manager receive the FAC-P/PM certification? If the certification has not been	8/7/2009

issued, what is the anticipated date for certification?	
12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project?	Yes
a. Will this investment include electronic assets (including computers)?	Yes
b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)	No
1. If "yes," is an ESPC or UESC being used to help fund this investment?	
2. If "yes," will this investment meet sustainable design principles?	
3. If "yes," is it designed to be 30% more energy efficient than relevant code?	
13. Does this investment directly support one of the PMA initiatives?	Yes
If "yes," check all that apply:	Competitive Sourcing Expanded E-Government
a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?)	Supports expanded e-Gov: consolidates resources under common standards and operating environments; maximizes utilization of resources; improves security; simplifies-unifies redundant activities across DOE; improves accessibility to information and services. Directly aligns to IT Infrastructure (ITI) LOB managed by GSA, identifying opportunities for collaboration and cost savings, plus stronger performance monitoring. Supports Competitive Sourcing through the MEO awarded from the IT A76 study.
14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.)	No
a. If "yes," does this investment address a weakness found during a PART review?	No
b. If "yes," what is the name of the PARTed program?	
c. If "yes," what rating did the PART receive?	
15. Is this investment for information technology?	Yes
If the answer to Question 15 is "Yes," complete questions 16-23 below. If the answer is "No," do not answer questions 16-23.	
For information technology investments only:	
16. What is the level of the IT Project? (per CIO Council PM Guidance)	Level 3
17. In addition to the answer in 11(a), what project management qualifications does the Project Manager have? (per CIO Council PM Guidance)	(4) Project manager assigned but qualification status review has not yet started
18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4 - FY 2008 agency high risk report (per OMB Memorandum M-05-23)	No
19. Is this a financial management system?	No
a. If "yes," does this investment address a FFMIA compliance area?	
1. If "yes," which compliance area:	
2. If "no," what does it address?	
b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52	
20. What is the percentage breakout for the total FY2010 funding request for the following? (This should total 100%)	
Hardware	24

Software	22
Services	54
Other	0
21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?	N/A
22. Contact information of individual responsible for privacy related questions:	
Name	Hanley, Jerry
Phone Number	202-287-1563
Title	POLICY INFORMATION SPECIALIST
E-mail	jerry.hanley@hq.doe.gov
23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?	Yes
Question 24 must be answered by all Investments:	
24. Does this investment directly support one of the GAO High Risk Areas?	No

Section B: Summary of Spending (All Capital Assets)

1. Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The "TOTAL" estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS)
(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	PY-1 and earlier	PY 2008	CY 2009	BY 2010	BY+1 2011	BY+2 2012	BY+3 2013	BY+4 and beyond	Total
Planning:	9.874053	0.505253	2.276215	2.298546	0.192723	0.202359	0.212477	0.223101	15.784727
Acquisition:	146.310853	47.241265	38.907218	33.973184	3.632681	3.582715	3.896414	4.198132	281.742462
Subtotal Planning & Acquisition:	156.184906	47.746518	41.183433	36.271730	3.825404	3.785074	4.108891	4.421233	297.527189
Operations & Maintenance:	2956.593969	1116.852688	1161.078495	927.346571	135.396475	96.043931	97.589251	101.382927	6592.284307
TOTAL:	3112.778875	1164.599206	1202.261928	963.618301	139.221879	99.829005	101.698142	105.804160	6889.811496
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	9.82183	2.468029	2.966937	3.034547	2.873977	2.764374	1.981246	1.895207	27.806147
Number of FTE represented by Costs:	45	10	24	24	10	10	1	0	124

Note: For the multi-agency investments, this table should include all funding (both managing partner and partner agencies). Government FTE Costs should not be included as part of the TOTAL represented.

2. Will this project require the agency to hire additional FTE's? No

a. If "yes," How many and in what year?

3. If the summary of spending has changed from the FY2009 President's budget request, briefly explain those changes:

The primary driver for changes from the BY10 Summary of Spending result from the recently completed IT A76 study, in which a federal/contractor team was selected as the MEO. As the new MEO continues to be implemented, a number of key decisions have been, or will be made regarding governance processes and milestones; these decisions have resulted in additional changes from last year's Summary of Spending. Several results of the IT A76 process are as follows: The initial 172 Federal FTE baseline (not employees) was based on a "snapshot" in time (2002); the federal FTE portion of the MEO will be decreased, gradually, over the next 6 months (total of 39% decrease over 18 month period). The snapshot baseline for contractor personnel was 1000; the contractor portion of the MEO is estimated at a reduction of 25-38% over the same 18 month period. The 22-month transition period represents an internal timeline for implementation of the proposed technology solution and transition of DOE IT contracts in support of a consolidated infrastructure. The two Enterprise Service Centers (East and West) to be established to support consolidation of infrastructure services across IT A76 serving DOE Headquarters and Field Offices are currently in process; ongoing operations & maintenance must also be supported during this timeframe. Additionally, there is continued emphasis on the Revitalization of Cyber Security and in particular the full implementation of Defense in Depth and Asset Management.

Section C: Acquisition/Contract Strategy (All Capital Assets)

1. Complete the table for all (including all non-Federal) contracts and/or task orders currently in place or planned for this investment. Total Value should include all option years for each contract. Contracts and/or task orders completed do not need to be included.

Contracts/Task Orders Table: * Costs in millions

Contract or Task Order Number	Type of Contract/ Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/ Task Order	End date of Contract/ Task Order	Total Value of Contract/ Task Order ($M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact information (phone/email)	Contracting Officer FAC-C or DAWIA Certification Level (Level 1, 2, 3, N/A)	If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition? (Y/N)
BOA-10661-000-2000 Entrust / PKI - Authorized DOE and Contractor personnel may place orders by referencing the BOA number or you may contact the Point of Contact Administrator.	BASIC ORDERING AGREEMENT	Yes	8/15/2008	8/15/2008		0	No	Yes	Yes	NA	Yes	Yes	Mark K. Backus	(505) 665-9781 backus_mark_k@lanl.gov /	Level N/A	Yes
DE-AC24-05OH20178 Paducah Gaseous Diffusion Plant	COST PLUS AWARD FEE	Yes	3/16/2005	3/16/2005	3/15/2010	51.875576	No	Yes	Yes	NA	Yes	Yes	David Senderling	859-219-4054 david.senderling@lex.doe.gov /	Level N/A	Yes
DE-AC24-05OH20193 PORTSMOUHT GASEOUS DIFFUSION PLANT	COST PLUS AWARD FEE	Yes	3/16/2005	3/16/2005	3/15/2010	74.163201	No	Yes	Yes	NA	Yes	Yes	R.J. Bell	859-219-4055 rj.bell@lex.doe.gov /	Level N/A	Yes
DE-AM01-01SO30220 Adobe	INDEFINITE-DELIVERY	Yes	9/27/2001	9/27/2001	9/30/2009	0	No	Yes	No	NA	Yes	Yes	Patrick A. Thornton	202-287-1532 patrick.thornton@pr.doe.gov /	Level 3	
DE-AC24-05OH20192 PORTSMOUHT GASEOUS DIFFUSION PLANT	COST PLUS INCENTIVE FEE	Yes	1/10/2005	1/10/2005	9/30/2009	237.564956	No	Yes	Yes	NA	Yes	Yes	R.J. Bell	859-219-4055 rj.bell@lex.doe.gov /	Level N/A	Yes
DE-AC06-	COST PLUS	Yes	9/27/2004	9/27/2004	9/30/2011	234.520776	No	Yes	Yes	NA	Yes	Yes	Lorenz,	509-376-	Level N/A	Yes

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04RL14600 RESTORATION OF FFTF AND SUPPORTING FACILITIES	INCENTIVE FEE												Anthony E.	7271 Anthony_E_Lorenz@rl.gov /		
DE-AC06-05RL14655 River Corridor Closure Project	COST PLUS INCENTIVE FEE	Yes	3/23/2005	3/23/2005	9/30/2015	1577.946512	No	Yes	Yes	NA	Yes	Yes	Stacie L. Sedgwick	509-372-0985 stacie_l_sedgwick@rl.gov /	Level N/A	Yes
DE-AB01-07IM00187 Adobe licensing for DOE Headquarters through EES, LLC and ASAP Software	INDEFINITE-DELIVERY	Yes	8/8/2007	8/8/2007	5/31/2009	0	No	Yes	Yes	NA	Yes	Yes	Patrick A. Thornton	202-287-1532 patrick.thornton@pr.doe.gov /	Level 3	
DE-AC24-01OH20115 The Fernald Closure Project / Harrison, OH	COST PLUS INCENTIVE FEE	Yes	11/20/2000	11/20/2000	12/31/2012	2720	No	Yes	Yes	NA	Yes	Yes	Timothy L. Jones	513-246-0563 tim.jones@emcbc.doe.gov /	Level N/A	Yes
DE-AC29-01AL66444 Waste Isolation Pilot Plant	COST PLUS AWARD FEE	Yes	12/14/2000	12/14/2000	9/30/2010	1399.653698	No	Yes	Yes	NA	Yes	Yes	Vernon Daub	505-234-7208 vernon.daub@wipp.ws /	Level N/A	Yes
DE-AC27-05RV14548 Hanford Site / Richland, Washington	COST PLUS INCENTIVE FEE	Yes	1/3/2005	1/3/2005	1/3/2010	58.818568	No	Yes	Yes	NA	Yes	Yes	Cloette B. Reid	509-373-6140 cloette_b_reid@orp.doe.gov /	Level N/A	Yes
DE-AC05-98OR22700 Y-12 Plant / Oak Ridge, Tennessee	COST PLUS AWARD FEE	Yes	12/18/1997	12/18/1997	12/31/2011	4628.222017	No	Yes	Yes	NA	Yes	Yes	Karen S. Shears	(865) 241-6411 ShearsKS@oro.doe.gov /	Level N/A	Yes

Contracts/Task Orders Table: * Costs in millions

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DE-AC07-05ID14517 Idaho National Laboratory (INL)	COST PLUS AWARD FEE	Yes	12/5/2005	2/1/2005	9/30/2015	4800	No	Yes	Yes	NA	Yes	Yes	Michael Adams	(208) 526-5277 / adamsml@id.doe.gov	Level 3	
DE-AM01-03IM00009 OPSWARE IDIQ CONTRACT FOR PROPRIETARY SOFTWARE	INDEFINITE-DELIVERY	Yes	6/15/2003	6/15/2003		0	No	No	No	NA	Yes	Yes	Deborah Black	202-287-1416 Deborah.Black@hq.doe.gov /	Level N/A	Yes
DE-AD01-03IM00028 ORACLE SOFTWARE LICENSES AND MAINTENANCE SUPPORT	FIRM FIXED PRICE	Yes	5/15/2003	5/15/2003	5/29/2008	8.490951	No	No	No	NA	Yes	Yes	Patrick A. Thornton	202-287-1532 patrick.thornton@pr.doe.gov /	Level 3	
DE-AD01-05IM00123 ENTERPRISE LICENSE AGREEMENT FOR AUTONOMY SOFTWARE; LEASE TO OWN PLAN.	FIRM FIXED PRICE	Yes	9/7/2005	9/7/2005	12/31/2010	2.159235	No	No	No	NA	Yes	Yes	Patrick A. Thornton	202-287-1532 patrick.thornton@pr.doe.gov /	Level 3	
DE-AD01-07IM00174 Lexis/Nexis	FIRM FIXED PRICE	Yes	2/15/2007	2/15/2007	9/30/2012	1.780335	No	No	Yes	NA	Yes	Yes	Patrick A. Thornton	202-287-1532 patrick.thornton@pr.doe.gov /	Level 3	
DE-AD11-05PN38286 MICROSOFT SOFTWARE AND MAINTENANCE	FIRM FIXED PRICE	Yes	6/23/2005	6/23/2005	6/30/2010	17.536179	No	No	Yes	NA	Yes	Yes	Patrick A. Thornton	202-287-1532 patrick.thornton@pr.doe.gov /	Level 3	

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(MICROSOFT /DOE ENTERPRISE AGREEMENT)																
DE-AM01-06IM00054 RSA SecurID, other security solutions - RSA SecurID hardware and software tokens generate a unique, one-time access code that quickly expires.	Time and Materials	Yes	11/18/2005	11/18/2005	4/4/2013	945.633778	No	Yes	Yes	NA	Yes	Yes	Robert Wilson	702-295-6250 wilsonr@nv.doe.gov /	Level 3	
GS00T07NSD008 (Verizon as an example) Networx Universal Services	FIRM FIXED PRICE	Yes	3/29/2007	3/29/2007	3/31/2017	0	No	Yes	Yes	NA	Yes	Yes	Jack Braun	703-306-6423 jack.braun@gsa.gov /	Level N/A	Yes
	FIRM FIXED PRICE	No	6/1/2008	6/1/2008	5/31/2013	0	No	Yes	Yes	NA	Yes	Yes	Patrick A. Thornton	202-287-1532 patrick.thornton@pr.doe.gov /	Level 3	
Planned DE-AD01-07IM00188 SMART BUY - Entrust / PKI	FIRM FIXED PRICE	Yes	9/26/2007	9/26/2007	6/30/2008	0.586824	No	No	No	NA	Yes	Yes	Peggy Fuller	202-506-7078 peggy.fuller@hq.doe.gov /	Level 3	
TF-00-T-07-SB-A-0013 SMART BUY - McAfee	INDEFINITE-DELIVERY	Yes	7/20/2007	7/20/2007		0	No	Yes	Yes	NA	Yes	Yes	Mike Citino	(703) 306-6875 mike.citino@gsa.gov /	Level N/A	Yes

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provides software and services in the following areas:Anti-Virus, E-Business Server, ePolicy Orchestrator, GroupShield Services, IntruShield, Secure Messaging Gateway, and Web Gateway.																
DE-AC06-04RL14383 Hanford Environmental Health Foundation	COST PLUS AWARD FEE	Yes	1/6/2004	1/6/2004	9/30/2013	79.968477	No	Yes	Yes	NA	Yes	Yes	Ronnie L. Dawson	509-376-8853 Ronnie_L_Dawson@RL.Gov /	Level N/A	Yes
DE-AC02-07CH11358 Ames Site Office / Argonne IL	COST PLUS AWARD FEE	Yes	12/4/2006	12/4/2006	12/31/2011	42.817389	No	Yes	Yes	NA	Yes	Yes	Thomas Harrison	630-252-6177 thomas.harrison@ch.doe.gov /	Level 3	
DE-AC02-06CH11357 Argonne Site Office / Argonne, IL	OTHER (NONE OF THE TPAW CODES APPLY)	Yes	7/31/2006	7/31/2006	9/30/2011	2500	No	Yes	Yes	NA	Yes	Yes	Rory Simpson	630-252-2127 rory.simpson@ch.doe.gov /	Level 3	
DE-AC02-98CH10886 Brookhaven Site Office / Upton, NY	COST PLUS FIXED FEE	Yes	1/5/1998	1/5/1998	1/4/2010	4892.617118	No	Yes	Yes	NA	Yes	Yes	Robert P. Gordon	631-344-3446 rgordon@bnl.gov /	Level 3	
DE-AC02-07CH11359 Fermi Site Office /	COST PLUS INCENTIVE FEE	Yes	11/1/2006	11/1/2006	12/31/2011	481.651241	No	Yes	Yes	NA	Yes	Yes	Dennis L. Wilson	630-840-5441 dennis.wilson@ch.doe.go	Level 3	

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Batavia, IL														v /		
DE-AC02-05CH11231 Berkeley Site Office / Berkeley, CA	COST PLUS INCENTIVE FEE	Yes	4/19/2005	4/19/2005	5/31/2010	2045.648904	No	Yes	Yes	NA	Yes	Yes	Charles W. Marshall	510-486-5184 charles.marshall@bso.science.doe.gov /	Level 3	
DE-AC05-00OR22725 Oak Ridge Site Office / Oak Ridge, Tennessee	COST PLUS INCENTIVE FEE	Yes	10/18/1999	10/18/1999	3/31/2010	8249.767716	No	Yes	Yes	NA	Yes	Yes	Mark A. Million	865-576-7814 MillionMA@oro.doe.gov /	Level 3	
DE-AB01-07IM00180 Red Hat Software Licensing and Maintenance Support	FIRM FIXED PRICE	Yes	6/22/2007	6/22/2007	6/21/2012	45	No	Yes	No	NA	Yes	Yes	Peggy Fuller	202-506-7078 peggy.fuller@hq.doe.gov /	Level 3	
DE-AC05-06OR23100 Oak Ridge Site Office / Oak Ridge, Tennessee	Cost Plus Award Fee	Yes	12/21/2005	12/21/2005	12/31/2010	746.872723	No	Yes	Yes	NA	Yes	Yes	Beth L. Holt	865-576-0783 holtbl@oro.doe.gov /	Level N/A	Yes
DE-AC05-07OR23027 Oak Ridge Site Office / Oak Ridge, Tennessee	TIME AND MATERIALS	Yes	2/2/2007	2/2/2007	3/31/2010	85.051218	No	Yes	Yes	NA	Yes	Yes	Fredda Hopper	865-576-9430 hopperfh@oro.doe.gov /	Level 2	
DE-AC05-76RL01830 Pacific Northwest Site OfficeJeff / Richland, WA	COST PLUS AWARD FEE	Yes	12/30/2002	12/30/2002	9/30/2009	6643.740438	No	Yes	Yes	NA	Yes	Yes	Jeff Short	509-372-4023 jeff.short@pnso.science.doe.gov /	Level 3	
	INCENTIVE	No	6/30/2008	6/30/2008	9/30/2013	400	No	Yes	Yes	NA	Yes	Yes	Raymond Kimble	609-243-3707 rkimble@ppp	Level 3	

Contracts/Task Orders Table: * Costs in millions

Contract or Task Order Number	Type of Contract/ Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/ Task Order	End date of Contract/ Task Order	Total Value of Contract/ Task Order ($M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact information (phone/email)	Contracting Officer FAC-C or DAWIA Certification Level (Level 1, 2, 3, N/A)	If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition? (Y/N)
														l.gov /		
DE-AC02-76-SF00515 Stanford Site Office / Menlo Park, CA	COST NO FEE	Yes	1/25/1981	1/25/1981	9/30/2009	7050.162809	No	Yes	Yes	NA	Yes	Yes	Tyndal Lindler	(650) 926-5076 tyndal.lindler@science.doe.gov /	Level 3	
DE-AC05-06OR23177 Thomas Jefferson Site Office / Newport News, VA	COST PLUS AWARD FEE	Yes	4/14/2006	4/14/2006	5/31/2011	500	No	Yes	Yes	NA	Yes	Yes	Wayne W. Skinner	757-269-7143 skinner@jlab.org /	Level 3	
DE-AC27-01RV14136 Hanford Site / Richland, Washington	COST PLUS INCENTIVE FEE	Yes	12/11/2000	12/11/2000	7/15/2011	11054.357071	No	Yes	Yes	NA	Yes	Yes	Michael K. Barrett	509-373-4143 michael_k_barrett@orp.doe.gov /	Level N/A	Yes
DE-AC06-96RL13200 Hanford Site / Richland, Washington	COST PLUS INCENTIVE FEE	Yes	8/15/1996	8/15/1996	7/15/2009	9240.701466	No	Yes	Yes	NA	Yes	Yes	Keith A. Klein	509-376-7395 keith_a_klein@rl.gov /	Level N/A	Yes
DE-AC07-05ID14516 Idaho Cleanup Project	COST PLUS INCENTIVE FEE	Yes	3/23/2005	5/1/2005	9/30/2012	2917.512546	No	Yes	Yes	NA	Yes	Yes	Wendy Bauer	(208) 526-2808 / bauerwl@id.doe.gov	Level N/A	Yes
DE-AC30-06EW05001 Paducah Gaseous Diffusion Plant	COST PLUS INCENTIVE FEE	Yes	12/27/2005	12/27/2005	9/30/2009	233.902383	No	Yes	Yes	NA	Yes	Yes	Loretta Parsons	513-246-0567 loretta.parson@lex.doe.gov /	Level N/A	Yes

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

All the contracts supporting this consolidated investment include a requirement that EVM be performed if there is significant IT DME activity. A large majority of the IOAT contracts are Operations and Management (over 90% of the spending) therefore, most of the contracts do not currently have EVM systems. DOE focuses on service level management, such as those embedded in the IT Infrastructure Library (ITIL), as the predominant means of performance measurement for O&M IT infrastructure services. There are over 40 M&O contracts providing IT Infrastructure services as part of the delivered services. Planning and analysis to support the operation of an EPMO for IOAT has been an incremental tasking based on specific analysis products to be delivered. In addition, the IT A76 acquisition process is being applied across DOE Headquarters and Field Offices to support DOE federal operations. The baseline of services for IT A76 will then be applied as performance standards for use in performance measurement of M&O infrastructure services. It is anticipated that the ITI LOB initiative will be establishing performance levels for delivery of IT Infrastructure services. As these ITI performance standards are defined for performance measurement reporting the baseline of services by the DOE IT Infrastructure Service Lines will be synchronized to provide the means for measuring service improvements as the maturity of the DOE IT Infrastructure advances. Thus as the ITI LOB is developing a cross agency acquisition plan and DOE as a member of the ITI task force and in support of the ITI PPMO will build a synchronized plan consistent with IT A76 performance measurement.

3. Do the contracts ensure Section 508 compliance?	Yes
a. Explain why not or how this is being done?	Consolidated IOAT conforms to Section 508 on contracts containing COTS products and in support of service delivery operations. Infrastructure Services Operations assure assistive technology solutions are provided to eliminate barriers for people with disabilities. Infrastructure supports the use of Web services accessibility tools and resources are provided to assure compliance.
4. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements?	Yes
a. If "yes," what is the date?	2/16/2007
1. Is it Current?	Yes
b. If "no," will an acquisition plan be developed?	
1. If "no," briefly explain why:	

Section D: Performance Information (All Capital Assets)

In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures (indicators) must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative or qualitative measure.

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for each of the four different Measurement Areas (for each fiscal year). The PRM is available at www.egov.gov. The table can be extended to include performance measures for years beyond the next President's Budget.

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2005	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Information and Technology Management	Information Management	Network User Base Consolidation	DOE has consolidation efforts ongoing in NNSA, EM , SC, IM, and NE	Achieve consolidation initiatives to include 80% of DOE program offices.	DOE has included 100% of the program offices in DOE IOAT consolidation efforts.
2006	GOAL 5.3 Infrastructure - Build, modernize, and	Customer Results	Service Accessibility	Access	Level of Service	DOE s IOA&T service lines have not reached any of	Achieve baseline performance approval for	An integrated baseline was developed and synchronized

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.					the DOE Critical Decision Point as described in DOE 413.3	50% of the service lines by FY08	with IT A76 and IOI PPMO timetables for establishing service level standards. Final numbers will be available after Sept. 2008.
2007	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Service Accessibility	Access	Level Of Service	Baseline Level of Service is 99.5%.	Maintain 99.9% uptime.	HQ Network Infrastructure 99.98% Internet Service 99.99% DOEnet Circuits 99.96%
2007	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Timeliness and Responsiveness	Response Time	Service Incident Response Time	Current Service Levels Target 4 hour response	Reduce the resolution time by 15 minutes	97.6% Met or Exceeded target response service levels, Average Response Time 3 hours 39 minutes - more than 20 minutes under target
2007	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Information and Technology Management	IT Infrastructure Maintenance	Service Level Management Subscriber Base	Managed Services (DOE COE) has less than 5,000 subscribers	Support 6,000 managed subscribers	Managed 5060 subscriber Workstations as of August of 2007
2007	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Processes and Activities	Management and Innovation	Innovation and Improvement	Server Utilization Levels	Benchmark studies of AHE and Field Server Utilization Levels will establish percentage utilization	Improve Utilization through server consolidation by 5%	500 virtual server systems increased utilization by 6.7%
2007	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Technology	Efficiency	System Response Time	Service Incident Response Time	Current Service Levels Target 4 hour response	Reduce the resolution time by 15 minutes	97.6% Met or Exceeded target response service levels, Average Response Time 3 hours 39 minutes - more than 20 minutes under target
2008	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Service Accessibility	Access	Level of Service	After FY07 the baseline Level of Service is anticipated to be 99.9%.	Maintain 99.925% uptime.	Maintaining HQ Network Infrastructure 99.98% Internet Service 99.99% DOEnet Circuits 99.96%
2008	GOAL 5.3 Infrastructure - Build, modernize, and	Customer Results	Timeliness and Responsiveness	Response Time	Service Incident Response	Current Service Levels Target 3 hour 45 minutes response	Reduce the resolution time by 15 minutes	Performance will be reported by the third quarter of FY 2009

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.							
2008	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Information and Technology Management	IT Infrastructure Maintenance	Service Level Management Subscriber Base	Managed Services (DOE COE) to be 5,000 subscribers	Support 6,000 managed subscribers	Managed 5,232 subscriber Workstations as of February 2009
2008	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Processes and Activities	Management and Innovation	Innovation and Improvement	Server Utilization Levels	Benchmark Baseline Utilization Levels plus 5%	Improve Utilization through server consolidation by 10%	Performance will be reported by the third quarter of FY 2009
2008	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Technology	Efficiency	System Response Time	Service Incident Response	Current Service Levels Target 3 hour 45 minutes response	Reduce the resolution time by 15 minutes	Performance will be reported by the third quarter of FY 2009
2009	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Service Accessibility	Access	Level of Service	After FY08 the baseline Level of Service is anticipated to be 99.925%	Maintain 99.950% uptime	Performance will be reported by the first quarter of FY 2010
2009	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Information and Technology Management	IT Infrastructure Maintenance	Service Level Management Subscriber Base	Managed Services (DOE COE) to be 6,000 subscribers	Support 8,000 managed subscribers	Performance will be reported by the first quarter of FY 2010
2009	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Processes and Activities	Management and Innovation	Compliance	Service Level Agreements	After FY08 it is anticipated that 25% of network users will be managed under common Service Level Agreements.	Manage 55% of network users under common Service Level Agreements.	Performance will be reported by the first quarter of FY 2010
2009	GOAL 5.3 Infrastructure - Build, modernize, and maintain	Processes and Activities	Management and Innovation	Innovation and Improvement	Server Utilization Levels	Benchmark Baseline Utilization Levels plus 15%	Improve Utilization through server consolidation by 10%	Performance will be reported by the first quarter of FY 2010

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.							
2009	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Technology	Efficiency	System Response Time	Service Incident Response	FY 2008 Service Levels Target 3 hour response	Reduce the resolution time by half an hour	Performance will be reported by the first quarter of FY 2010
2010	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Service Accessibility	Access	Level of Service	After FY09 the baseline Level of Service is anticipated to be 99.950%	Maintain 99.975% uptime	Performance will be reported by the first quarter of FY 2011
2010	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Information and Technology Management	IT Infrastructure Maintenance	Service Level Management Subscriber Base	Managed Services (DOE COE) to be 8,000 subscribers	Support 11,000 managed subscribers	Performance will be reported by the first quarter of FY 2011
2010	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Processes and Activities	Management and Innovation	Innovation and Improvement	Server Utilization Levels	Benchmark Baseline Utilization Levels plus 25%	Improve Utilization through server consolidation by 10%	Performance will be reported by the first quarter of FY 2011
2010	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Technology	Efficiency	System Response Time	Service Incident Response	FY 2009 Service Levels Target 2 hour 30 minutes response	Reduce the resolution time by half an hour	Performance will be reported by the first quarter of FY 2011
2011	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Service Accessibility	Access	Level of Service	After FY10 the baseline Level of Service is anticipated to be 99.975%	Maintain 99.99% uptime	Performance will be reported by the first quarter of FY 2012
2011	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and	Customer Results	Timeliness and Responsiveness	Response Time	Service Incident Response	FY 2010 Service Levels Target 2 hour response	Reduce the resolution time by 15 minutes	Performance will be reported by the first quarter of FY 2012

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	infrastructure to achieve mission goals and ensure a safe and secure workplace.							
2011	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Information and Technology Management	IT Infrastructure Maintenance	Service Level Management Subscriber Base	Managed Services (DOE COE) to be 11,000 subscribers	Support 15,000 managed subscribers	Performance will be reported by the first quarter of FY 2012
2011	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Processes and Activities	Management and Innovation	Innovation and Improvement	Server Utilization Levels	Benchmark Baseline Utilization Levels plus 30%	Improve Utilization through server consolidation to 45% utilization	Performance will be reported by the first quarter of FY 2012
2011	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Technology	Efficiency	System Response Time	Service Incident Response	FY 2009 Service Levels Target 2 hour response	Reduce the resolution time by half an hour	Performance will be reported by the first quarter of FY 2012
2012	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Service Accessibility	Access	Level of Service	After FY10 the baseline Level of Service is anticipated to be 99.975%	Maintain 99.99% uptime	Performance will be reported by the first quarter of FY 2013
2012	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Information and Technology Management	IT Infrastructure Maintenance	Service Level Management Subscriber Base	Managed Services (DOE COE) to be 11,000 subscribers	Support 15,000 managed subscribers	Performance will be reported by the first quarter of FY 2013
2012	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Processes and Activities	Management and Innovation	Innovation and Improvement	Server Utilization Levels	Benchmark Baseline Utilization Levels plus 35%	Improve Utilization through server consolidation to 60% utilization	Performance will be reported by the first quarter of FY 2013
2012	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to	Technology	Efficiency	System Response Time	Service Incident Response	FY 2009 Service Levels Target 2 hour response	Maintain status quo	Performance will be reported by the first quarter of FY 2013

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	achieve mission goals and ensure a safe and secure workplace.							
2013	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Service Accessibility	Access	Level of Service	After FY10 the baseline Level of Service is anticipated to be 99.975%	Maintain 99.99% uptime	Performance will be reported by the first quarter of FY 2014
2013	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Information and Technology Management	IT Infrastructure Maintenance	Service Level Management Subscriber Base	Managed Services (DOE COE) to be 11,000 subscribers	Support 15,000 managed subscribers	Performance will be reported by the first quarter of FY 2014
2013	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Processes and Activities	Management and Innovation	Innovation and Improvement	Server Utilization Levels	Benchmark Baseline Utilization Levels plus 40%	Improve Utilization through server consolidation to 70% utilization	Performance will be reported by the first quarter of FY 2014
2013	GOAL 5.3 Infrastructure - Build, modernize, and maintain facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Technology	Efficiency	System Response Time	Service Incident Response	FY 2009 Service Levels Target 2 hour response	Maintain status quo	Performance will be reported by the first quarter of FY 2014

Section E: Security and Privacy (IT Capital Assets only)

In order to successfully address this area of the business case, each question below must be answered at the system/application level, not at a program or agency level. Systems supporting this investment on the planning and operational systems security tables should match the systems on the privacy table below. Systems on the Operational Security Table must be included on your agency FISMA system inventory and should be easily referenced in the inventory (i.e., should use the same name or identifier).

For existing Mixed-Life Cycle investments where enhancement, development, and/or modernization is planned, include the investment in both the "Systems in Planning" table (Table 3) and the "Operational Systems" table (Table 4). Systems which are already operational, but have enhancement, development, and/or modernization activity, should be included in both Table 3 and Table 4. Table 3 should reflect the planned date for the system changes to be complete and operational, and the planned date for the associated C&A update. Table 4 should reflect the current status of the requirements listed. In this context, information contained within Table 3 should characterize what updates to testing and documentation will occur before implementing the enhancements; and Table 4 should characterize the current state of the materials associated with the existing system.

All systems listed in the two security tables should be identified in the privacy table. The list of systems in the "Name of System" column of the privacy table (Table 8) should match the systems listed in columns titled "Name of System" in the security tables (Tables 3 and 4). For the Privacy table, it is possible that there may not be a one-to-one ratio between the list of systems and the related privacy documents. For example, one PIA could cover multiple systems. If this is the case, a working link to the PIA may be listed in column (d) of the privacy table more than once (for each system covered by the PIA).

The questions asking whether there is a PIA which covers the system and whether a SORN is required for the system are discrete from the narrative fields. The narrative column provides an opportunity for free text explanation why a working link is not provided. For example, a SORN may be required for the system, but the system is not yet operational. In this circumstance, answer "yes" for column (e) and in the narrative in column (f), explain that because the system is not operational the SORN is

not yet required to be published.

Please respond to the questions below and verify the system owner took the following actions:

1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment?:

a. If "yes," provide the "Percentage IT Security" for the budget year:

2. Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment?

3. Systems in Planning and Undergoing Enhancement(s), Development, and/or Modernization - Security Table(s):			
Name of System	**Agency/ or Contractor Operated System?**	**Planned Operational Date**	**Date of Planned C&A update (for existing mixed life cycle systems) or Planned Completion Date (for new systems)**
FNAL LQCD FY09			

4. Operational Systems - Security Table:							
Name of System	**Agency/ or Contractor Operated System?**	**NIST FIPS 199 Risk Impact level (High, Moderate, Low)**	**Has C&A been Completed, using NIST 800-37? (Y/N)**	**Date Completed: C&A**	**What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, Other, N/A)**	**Date Completed: Security Control Testing**	**Date the contingency plan tested**
Ames Admin Enclave							
Ames Business Sensitive Enclave							
Ames Perimeter Enclave							
ANL Accelerator Control Systems							
ANL Argonne Leadership Computing Facility							
ANL Business System							
ANL General Computing Enclave							
ANL Infrastructure							
ANL Sensitive Information							
BNL Admin Enclave							
BWXT Cyber Security Program Plan (including the Unclassified Services Network)							
CBC-Cincinnati							
CBC-Springdale							
CBFO							
DOE-ID Operations Office Enclave							
EE Infrastructure							
ETTP-BS							
FE/NETL GSS							
FE/RMOTC GSS							
FE/SPRO GSS							
Fermi General Computing Enclave							
FEWEB GSS							
General Support Enclave							
General Support System Security Plan for the Pantex							

4. Operational Systems - Security Table:

Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level (High, Moderate, Low)	Has C&A been Completed, using NIST 800-37? (Y/N)	Date Completed: C&A	What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, Other, N/A)	Date Completed: Security Control Testing	Date the contingency plan tested
Plan Unclassified Computing Environment (U001)							
Golden IT environment							
ICP Business Enclave							
ICP Infrastructure Enclave							
INL Business Enclave							
INL High-Performance Computing Enclave							
INL Infrastructure Enclave							
INL Managed Environment Enclave							
INL Protected Research Enclave							
INL Public Access Enclave							
INL Self-Managed Enclave							
INL Special Systems Enclave							
ISD Domain (replaces NSTec Network Security Plan)							
Kansas City Plant - FGS001							
LBNL Research & Operations Enclave							
LLNL Unclassified Site System							
LM GSS 01							
LM Records Handling System							
National Renewable Energy Laboratory							
NE-APPS							
NE-DM							
NNSA Service Center, Albuquerque Unclass. Local Area Network (B-LAN)							
Office of Science-Chicago Office General Support System							
OR ISC Moderate IS							
ORAU Baseline Enclave							
ORAU Moderate Enclave							
ORNL Administrative Enclave							
ORNL Infrastructure/Business Enclave							
ORNL Open Public							
OSTI Unclassified							

4. Operational Systems - Security Table:

Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level (High, Moderate, Low)	Has C&A been Completed, using NIST 800-37? (Y/N)	Date Completed: C&A	What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, Other, N/A)	Date Completed: Security Control Testing	Date the contingency plan tested
Automated Information System (UAIS) Enclave.							
PNNL Enterprise Services Enclave							
PNNL Extranet Enclave							
PNNL Visitor/Wireless Enclave							
PPPO							
RL-Hanford							
RL-RCP							
SC-HQ General Support System Enclave							
SLAC Business Services Enclave							
SLAC Collaboration Enclave							
SLAC EPN Enclave							
SLAC Infrastructure Enclave							
SLAC Visitor Enclave							
TJNAF Business Administration Enclave							
TJNAF Core Services Enclave							

5. Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG?

a. If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone process?

6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses?

a. If "yes," specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness.

7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above?

The agency contracts with M&O contractors at laboratory sites (M&Os) and IT contractors for DOE Headquarters and Field Offices (IT A76) specifies compliance with all laws, regulations and DOE Orders. Changes to applicable orders are assessed by each contractor and Program for impact. If changes require additional resources (i.e., funding, FTEs) or procedural change (i.e., modification of system configuration, change in security profile, etc.) the contractor is required to submit a Compliance Assessment and Implementation Report to DOE outlining actions required to implement changes. This approach ensures proper communication and understanding of changes in requirements that may affect overall mission and/or work completion. DOE performs audits and assessments of computer security policies and procedures. Each contractor is audited by the DOE Inspector General and the DOE Office of Independent Oversight and Performance Assurance.

8. Planning & Operational Systems - Privacy Table:

(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
Ames Admin Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
Ames Business Sensitive Enclave	No	No	No, because the system does not contain or	No	This system is not a Privacy Act system of

8. Planning & Operational Systems - Privacy Table:

(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
			process personal identifying information.		records.
Ames Perimeter Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
ANL Accelerator Control Systems	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
ANL Argonne Leadership Computing Facility	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
ANL Business System	No	No	No, because the system does not contain or process personal identifying information.	Yes	http://cio.energy.gov/records-management/adminrs.htm
ANL General Computing Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
ANL Infrastructure	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
ANL Sensitive Information	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
BNL Admin Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
BWXT Cyber Security Program Plan (including the Unclassified Services Network)	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
CBC-Cincinnati	No	Yes	http://management.energy.gov/FOIA/PrivacyImpactAssessments.htm	Yes	http://cio.energy.gov/records-management/adminrs.htm
CBC-Springdale	No	Yes	http://management.energy.gov/FOIA/PrivacyImpactAssessments.htm	Yes	http://cio.energy.gov/records-management/adminrs.htm
CBFO	No	Yes	http://management.energy.gov/FOIA/PrivacyImpactAssessments.htm	Yes	http://cio.energy.gov/records-management/adminrs.htm
DOE-ID Operations Office Enclave	Yes	No	No, because this system is In Progress	No	No, because this system is In Progress
EE Infrastructure	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
ETTP-BS	No	Yes	http://www.oakridge.doe.gov/External/Portals/0/EM4Rev0admin.pdf	No	This system is not a Privacy Act system of records.
FE/NETL GSS	No	Yes	http://www.netl.doe.gov/general/privacy_policy.html	No	This system is not a Privacy Act system of records.
FE/RMOTC GSS	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
FE/SPRO GSS	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
Fermi General Computing Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
FEWEB GSS	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.

8. Planning & Operational Systems - Privacy Table:

(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
FNAL LQCD FY09	Yes	No	Because a PIA is not yet required to be completed at this time.	No	The system is not a Privacy Act system of records.
General Support Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
General Support System Security Plan for the Pantex Plan Unclassified Computing Environment (U001)	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
Golden IT environment	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
ICP Business Enclave	Yes	No	No, because this system is In Progress	No	No, because this system is In Progress
ICP Infrastructure Enclave	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
INL Business Enclave	Yes	No	No, because this system is In Progress	No	No, because this system is In Progress
INL High-Performance Computing Enclave	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
INL Infrastructure Enclave	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
INL Managed Environment Enclave	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
INL Protected Research Enclave	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
INL Public Access Enclave	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
INL Self-Managed Enclave	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
INL Special Systems Enclave	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
ISD Domain (replaces NSTec Network Security Plan)	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
Kansas City Plant - FGS001	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
LBNL Research & Operations Enclave	No	No	No, because the system does not contain or process personal identifying information.	Yes	http://cio.energy.gov/records-management/adminrs.htm
LLNL Unclassified Site System	No	Yes	No public information is stored, http://www.llnl.gov/disclaimer.html	No	This system is not a Privacy Act system of records.
LM GSS 01	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
LM Records Handling System	Yes	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.

8. Planning & Operational Systems - Privacy Table:

(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
National Renewable Energy Laboratory	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
NE-APPS	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
NE-DM	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
NNSA Service Center, Albuquerque Unclass. Local Area Network (B-LAN)	No	No	N/A	No	N/A
Office of Science-Chicago Office General Support System	No	No	No, because the system does not contain or process personal identifying information.	Yes	http://cio.energy.gov/records-management/adminrs.htm
OR ISC Moderate IS	No	No	No, because the system does not contain or process personal identifying information.	Yes	http://cio.energy.gov/records-management/adminrs.htm
ORAU Baseline Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
ORAU Moderate Enclave	No	No	No, because the system does not contain or process personal identifying information.	Yes	http://cio.energy.gov/records-management/adminrs.htm
ORNL Administrative Enclave	No	No	No, because the system does not contain or process personal identifying information.	Yes	http://cio.energy.gov/records-management/adminrs.htm
ORNL Infrastructure/Business Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
ORNL Open Public	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
OSTI Unclassified Automated Information System (UAIS) Enclave.	No	No	No, because the system does not contain or process personal identifying information.	Yes	http://cio.energy.gov/records-management/adminrs.htm
PNNL Enterprise Services Enclave	No	No	No, because the system does not contain or process personal identifying information.	Yes	http://cio.energy.gov/records-management/adminrs.htm
PNNL Extranet Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
PNNL Visitor/Wireless Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
PPPO	No	Yes	http://management.energy.gov/FOIA/PrivacyImpactAssessments.htm	No	This system is not a Privacy Act system of records.
RL-Hanford	No	Yes	http://management.energy.gov/documents/RichlandFOIAFolderPIA.pdf	Yes	http://cio.energy.gov/records-management/adminrs.htm
RL-RCP	No	Yes	http://management.energy.gov/documents/RichlandFOIAFolderPIA.pdf	No	This system is not a Privacy Act system of records.
SC-HQ General Support System Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
SLAC Business Services Enclave	No	No	No, because the system does not contain or process personal identifying information.	Yes	http://cio.energy.gov/records-management/adminrs.htm

8. Planning & Operational Systems - Privacy Table:

(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
SLAC Collaboration Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
SLAC EPN Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
SLAC Infrastructure Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
SLAC Visitor Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.
TJNAF Business Administration Enclave	No	No	No, because the system does not contain or process personal identifying information.	Yes	http://cio.energy.gov/records-management/adminrs.htm
TJNAF Core Services Enclave	No	No	No, because the system does not contain or process personal identifying information.	No	This system is not a Privacy Act system of records.

Details for Text Options:
Column (d): If yes to (c), provide the link(s) to the publicly posted PIA(s) with which this system is associated. If no to (c), provide an explanation why the PIA has not been publicly posted or why the PIA has not been conducted.

Column (f): If yes to (e), provide the link(s) to where the current and up to date SORN(s) is published in the federal register. If no to (e), provide an explanation why the SORN has not been published or why there isn't a current and up to date SORN.

Note: Working links must be provided to specific documents not general privacy websites. Non-working links will be considered as a blank field.

Section F: Enterprise Architecture (EA) (IT Capital Assets only)

In order to successfully address this area of the capital asset plan and business case, the investment must be included in the agency's EA and Capital Planning and Investment Control (CPIC) process and mapped to and supporting the FEA. The business case must demonstrate the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.

1. Is this investment included in your agency's target enterprise architecture?	Yes
a. If "no," please explain why?	
2. Is this investment included in the agency's EA Transition Strategy?	Yes
a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment.	Consolidated Infrastructure, Office Automation, and Telecommunications Program.
b. If "no," please explain why?	
3. Is this investment identified in a completed and approved segment architecture?	No
a. If "yes," provide the six digit code corresponding to the agency segment architecture. The segment architecture codes are maintained by the agency Chief Architect. For detailed guidance regarding segment architecture codes, please refer to http://www.egov.gov.	225-000

4. Service Component Reference Model (SRM) Table:
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov.

Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	AHE Data Center and Cyber			Asset Cataloging / Identification			No Reuse	1

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Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov.

Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	Security Services support the listing and specification of available assets.							
Asset Transfer, Allocation, and Maintenance	Cyber Security Service supports the movement, assignment, and replacement of assets.	Back Office Services	Asset / Materials Management	Asset Transfer, Allocation, and Maintenance			No Reuse	0
Computers / Automation Management	AHE Data Center and Cyber Security services support the identification, upgrade, allocation and replacement of physical devices, including servers and desktops, used to facilitate production and process driven activities	Back Office Services	Asset / Materials Management	Computers / Automation Management			No Reuse	5
Facilities Management	AHE Data Center service supports the construction, management and maintenance of facilities for an organization	Back Office Services	Asset / Materials Management	Facilities Management			No Reuse	0
Property / Asset Management	AHE Data Center service the set of capabilities that support the identification, planning and allocation of an organizations physical capital and resources (includes hardware and software).	Back Office Services	Asset / Materials Management	Property / Asset Management			No Reuse	1
Data Cleansing	AHE Data Center service is the set of capabilities that support the removal of incorrect or unnecessary characters and data from a data source.	Back Office Services	Data Management	Data Cleansing			No Reuse	0
Data Exchange	AHE Data Center service supports the interchange of information between multiple systems or applications; includes verification that transmitted data was received unaltered	Back Office Services	Data Management	Data Exchange			No Reuse	0
Data Mart	AHE Data Center service is the set of capabilities that support a subset of a data warehouse for a single department or function within an organization.	Back Office Services	Data Management	Data Mart			No Reuse	1
Data Recovery	AHE Data Center service to periodically record data sets	Back Office Services	Data Management	Data Recovery			No Reuse	0

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Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	and to restore data sets to previously recorded states.							
Data Warehouse	AHE Data Center service is the set of capabilities that support the archiving and storage of large volumes of data.	Back Office Services	Data Management	Data Warehouse			No Reuse	2
Extraction and Transformation	AHE Data Center service supports the manipulation and change of data	Back Office Services	Data Management	Extraction and Transformation			No Reuse	0
Loading and Archiving	AHE Data Center service to populate a data sink with bulk data in a specific format.	Back Office Services	Data Management	Loading and Archiving			No Reuse	0
Meta Data Management	AHE Data Center service supports the maintenance and administration of data that describes data, example activities include sitemaps, content ratings, stream channel definitions, search engine data collection (web crawling), digital library collections, a	Back Office Services	Data Management	Meta Data Management			No Reuse	0
Data Integration	AHE Data Center service supports the organization of data from separate data sources into a single source using middleware or application integration as well as the modification of system data models to capture new information within a single system	Back Office Services	Development and Integration	Data Integration			No Reuse	1
Enterprise Application Integration	AHE Data Center service is the set of capabilities that support the redesigning of disparate information systems into one system that uses a common set of data structures and rules.	Back Office Services	Development and Integration	Enterprise Application Integration			No Reuse	1
Instrumentation and Testing	AHE Data Center service is the set of capabilities that support the validation of application or system capabilities and requirements.	Back Office Services	Development and Integration	Instrumentation and Testing			No Reuse	1
Legacy Integration	AHE Data Center service supports	Back Office Services	Development and Integration	Legacy Integration			No Reuse	1

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Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	the communication between newer generation hardware/software applications and the previous, major generation of hardware/software applications							
Software Development	AHE Data Center service supports the creation of both graphical and process application or system software	Back Office Services	Development and Integration	Software Development			No Reuse	0
Skills Management	Cyber Security Service supports the proficiency of employees in the delivery of an organization s products or services.	Back Office Services	Human Capital / Workforce Management	Skills Management			No Reuse	1
Decision Support and Planning	Cyber Security, Data and Voice Telecommunications, and OA End User Services support the analysis of information and predicts the impact of decisions before they are made.	Business Analytical Services	Business Intelligence	Decision Support and Planning			No Reuse	0
Demand Forecasting / Mgmt	AHE Data Center and Data and Voice Telecommunications, OA End User Services predict the storage or processing needs of an organization.	Business Analytical Services	Business Intelligence	Demand Forecasting / Mgmt			No Reuse	0
Data Mining	AHE Data Center service provides for the efficient discovery of non-obvious, valuable patterns and relationships within a large collection of data	Business Analytical Services	Knowledge Discovery	Data Mining			No Reuse	1
Modeling	AHE Data Center service develops descriptions to adequately explain relevant data for the purpose of prediction, pattern detection, exploration or general organization of data	Business Analytical Services	Knowledge Discovery	Modeling			No Reuse	0
Ad Hoc	AHE Data Center and Cyber Security Service supports the use of dynamic reports on an as needed basis	Business Analytical Services	Reporting	Ad Hoc			No Reuse	0
OLAP	AHE Data Center and Cyber	Business Analytical	Reporting	OLAP			No Reuse	0

4. Service Component Reference Model (SRM) Table:
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Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	Security Services support On Line Analytical Processing, the analysis of information that has been summarized into multidimensional views and hierarchies.	Services						
Standardized / Canned	AHE Data Center and Cyber Security services support the use of pre-conceived or pre-written reports	Business Analytical Services	Reporting	Standardized / Canned			No Reuse	1
Performance Management	Consolidated Infrastructure IOI Governance service is the set of capabilities for measuring the effectiveness of an organization's financial assets and capital.	Business Management Services	Investment Management	Performance Management			No Reuse	0
Portfolio Management	AHE Data Center and Consolidated Infrastructure IOI Governance services support the administration of a group of investments held by an organization.	Business Management Services	Investment Management	Portfolio Management			No Reuse	0
Strategic Planning and Mgmt	Consolidated Infrastructure IOI Governance service is the set of capabilities that support the determination of long-term goals and the identification of the best approach for achieving those goals.	Business Management Services	Investment Management	Strategic Planning and Mgmt			No Reuse	0
Business Rule Management	AHE Data Center and Cyber Security services manage the enterprise processes that support an organization and its policies	Business Management Services	Management of Processes	Business Rule Management			No Reuse	0
Change Management	AHE Data Center service controls the process for updates or modifications to the existing documents, software or business processes of an organization	Business Management Services	Management of Processes	Change Management			No Reuse	1
Configuration Management	AHE Data Center and Cyber Security Service controls the hardware and	Business Management Services	Management of Processes	Configuration Management			No Reuse	2

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Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	software environments, as well as documents of an organization.							
Governance / Policy Management	Cyber Security Service is the set of capabilities intended to influence and determine decisions, actions, business rules and other matters within an organization.	Business Management Services	Management of Processes	Governance / Policy Management			Internal	1
Program / Project Management	AHE Data Center service manages and controls a particular effort of an organization	Business Management Services	Management of Processes	Program / Project Management			No Reuse	1
Quality Management	AHE Data Center service helps determine the level that a product or service satisfies certain requirements / service levels	Business Management Services	Management of Processes	Quality Management			No Reuse	1
Requirements Management	AHE Data Center and Cyber Security services manage the set of capabilities for gathering, analyzing and fulfilling the needs and prerequisites of an organization's efforts.	Business Management Services	Management of Processes	Requirements Management			No Reuse	1
Risk Management	AHE Data Center and Cyber Security Services support the identification and probabilities or chances of hazards as they relate to a task, decision or long-term goal.	Business Management Services	Management of Processes	Risk Management			No Reuse	1
Scheduling	AHE Data Center service supports the plan for performing work or service to meet the needs of an organization s customers	Customer Services	Customer Initiated Assistance	Scheduling			No Reuse	1
Alerts and Notifications	AHE Data Center service allows a customer to be contacted in relation to a subscription or service of interest	Customer Services	Customer Preferences	Alerts and Notifications			No Reuse	0
Content Publishing and Delivery	AHE Data Center service to publish information in electronic formats.	Digital Asset Services	Content Management	Content Publishing and Delivery			No Reuse	1
Document Imaging and	OA End User Service is the	Digital Asset Services	Document Management	Document Imaging and			No Reuse	1

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Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
OCR	set of capabilities that support the scanning of physical documents for use electronically.			OCR				
Indexing	AHE Data Center service supports the rapid retrieval of documents through a structured numbering construct	Digital Asset Services	Document Management	Indexing			No Reuse	0
Library / Storage	AHE Data Center service is the set of capabilities that support document and data warehousing and archiving.	Digital Asset Services	Document Management	Library / Storage			No Reuse	1
Information Mapping / Taxonomy	AHE Data Center service supports the creation and maintenance of relationships between data entities, naming standards and categorization	Digital Asset Services	Knowledge Management	Information Mapping / Taxonomy			No Reuse	0
Information Retrieval	AHE Data Center and EC End User Service is the set of capabilities that allow access to data and information for use by an organization and its stakeholders.	Digital Asset Services	Knowledge Management	Information Retrieval			No Reuse	0
Information Sharing	OA End User Service is the set of capabilities that support the use of documents and data in a multi-user environment for use by an organization and its stakeholders.	Digital Asset Services	Knowledge Management	Information Sharing			No Reuse	3
Knowledge Distribution and Delivery	Cyber Security and OA End User Service is the set of capabilities that support the transfer of knowledge to the end customer.	Digital Asset Services	Knowledge Management	Knowledge Distribution and Delivery			No Reuse	1
Smart Documents	OA End User Service is the interaction of information and process (business logic) rules between users of the document. (i.e. the logic and use of the document is embedded within the document itself and is managed	Digital Asset Services	Knowledge Management	Smart Documents			No Reuse	1

4. Service Component Reference Model (SRM) Table:
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov.

Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	within the document parameters).							
Process Tracking	AHE Data Center service allows the monitoring of activities within the business cycle	Process Automation Services	Tracking and Workflow	Process Tracking			No Reuse	0
Email	AHE Data Center and EC End User Service is the set of capabilities that support the transmission of memos and messages over a network.	Support Services	Collaboration	Email			No Reuse	2
Presence Management	EC End User Service is a point of access to a subscriber s network-wide mobility, independent of the network and devices through which the user is connected, in order to enable the seamless delivery of services.	Support Services	Collaboration	NEW			No Reuse	0
Formal Conferencing	EC End User Service is a prearranged meeting for consultation or exchange of information or discussion (especially one with a formal agenda)	Support Services	Collaboration	NEW			No Reuse	1
Shared Calendaring	AHE Data Center and EC End User Service is the set of capabilities that allow an entire team as well as individuals to view, add and modify each other s schedules, meetings and activities.	Support Services	Collaboration	Shared Calendaring			No Reuse	0
Task Management	AHE Data Center and EC End User service is the set of capabilities that support a specific undertaking or function assigned to an employee.	Support Services	Collaboration	Task Management			No Reuse	1
Threaded Discussions	AHE Data Center and EC End User Service is the set of capabilities that support the running log of remarks and opinions about a given topic or subject.	Support Services	Collaboration	Threaded Discussions			No Reuse	0
Audio Conferencing	Voice Telecommunicati	Support Services	Communication	Audio Conferencing			No Reuse	0

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Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	ons Service is the set of capabilities that support audio communications sessions among people who are geographically dispersed.							
Community Management	Data Telecommunications Service is the set of capabilities that support the administration of online groups that share common interests.	Support Services	Communication	Community Management			No Reuse	1
Computer / Telephony Integration	Data and Voice Telecommunications Service is the set of capabilities that support the connectivity between server hardware, software and Data and Voice Telecommunications equipment into a single logical system.	Support Services	Communication	Computer / Telephony Integration			No Reuse	6
Event / News Management	AHE Data Center, Data Telecommunications, and EC End User services monitor servers, workstations and network devices for routine and non-routine events.	Support Services	Communication	Event / News Management			No Reuse	0
Instant Messaging	AHE Data Center and Data Telecommunications services supporting text messaging between two or more people over a network.	Support Services	Communication	Instant Messaging			No Reuse	0
Webcasts	EC End User Service is transmisiion across the Internet to broadcast live or delayed audio and/or video transmissions, much like traditional television and radio broadcasts.	Support Services	Communication	Real Time / Chat			No Reuse	0
Real Time / Chat	Data Telecommunications Service is the set of capabilities that support the conferencing capability between two or more users on a local area network or the internet.	Support Services	Communication	Real Time / Chat			No Reuse	0

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Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
Video Conferencing	Data Telecommunications Service is the set of capabilities that support video communications sessions among people who are geographically dispersed.	Support Services	Communication	Video Conferencing			No Reuse	1
Voice Mail	EC End User Service is the set of capabilities that support the transmission of voice messages over a network.	Support Services	Communication	Voice Communications			No Reuse	2
Voice Communications	Voice Telecommunications Service is telephony or other voice communications.	Support Services	Communication	Voice Communications			No Reuse	4
Classification	AHE Data Center service to organize records by shared characteristics in content or context.	Support Services	Search	Classification			No Reuse	0
Pattern Matching	AHE Data Center service to impute characteristics to records based on patterns in content or context.	Support Services	Search	Pattern Matching			No Reuse	0
Precision / Recall Ranking	AHE Data Center service to rank records by query criteria.	Support Services	Search	Precision / Recall Ranking			No Reuse	0
Query	AHE Data Center service supports retrieval of records that satisfy specific query	Support Services	Search	Query			No Reuse	0
		Support Services	Security Management				No Reuse	1
		Support Services	Security Management				No Reuse	3
		Support Services	Security Management				No Reuse	0
		Support Services	Security Management				No Reuse	1
		Support Services	Security Management				No Reuse	2
		Support Services	Security Management				No Reuse	4
		Support Services	Security Management				No Reuse	3
		Support Services	Security Management				No Reuse	3
		Support Services	Security Management				No Reuse	1
Issue Tracking	OA End User Service is receiving and tracking user-reported issues and problems in using IT systems, including help desk calls.	Support Services	Systems Management	Issue Tracking			No Reuse	5

4. Service Component Reference Model (SRM) Table:
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov.

Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
License Management	AHE Data Center, Data Telecommunications, and OA End User Services support the purchase, upgrade and tracking of legal usage contracts for system software and applications.	Support Services	Systems Management	License Management			No Reuse	3
Continuity and Disaster Recovery Management	AHE Data Center, Data and Voice Telecommunications, and EC End User services implement documented recovery procedures that allow resumption of business operations as expediently and economically as required.	Support Services	Systems Management	NEW			No Reuse	2
Policy Management	Data and Voice Telecommunications and OA End User Services influence and determine decisions, actions, business rules and other matters within an organization.	Support Services	Systems Management	NEW			No Reuse	0
User Management	AHE Data Center, Cyber Security, Data and Voice Telecommunications, and OA End User Service is the set of capabilities that support the administration of computer, application and network accounts within an organization.	Support Services	Systems Management	NEW			No Reuse	5
Service Level Management	Data and Voice Telecommunications and OA End User Services support the balance and allocation of memory, usage, disk space and performance on computers and their applications.	Support Services	Systems Management	NEW			No Reuse	3
Remote Systems Control	AHE Data Center, Data Telecommunications, and OA End User Service support the monitoring, administration and usage of applications and enterprise systems from locations outside of the immediate	Support Services	Systems Management	Remote Systems Control			No Reuse	5

4. Service Component Reference Model (SRM) Table:
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov.

Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	system environment.							
Software Distribution	Data Telecommunications and OA End User Service is the set of capabilities that support the propagation, installation and upgrade of written computer programs, applications and components.	Support Services	Systems Management	Software Distribution			No Reuse	4
System Resource Monitoring	AHE Data Center, Data and Voice Telecommunications, OA End User Service is the set of capabilities that support the balance and allocation of memory, usage, disk space and performance on computers and their applications.	Support Services	Systems Management	System Resource Monitoring			No Reuse	3

a. Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.

b. A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.

c. 'Internal' reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. 'External' reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.

d. Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in the column can, but are not required to, add up to 100%.

5. Technical Reference Model (TRM) Table:
To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
Governance / Policy Management	Component Framework	Business Logic	Platform Independent Technologies	
OLAP	Component Framework	Business Logic	Platform Independent Technologies	
Classification	Component Framework	Business Logic	Platform Independent Technologies	
Precision / Recall Ranking	Component Framework	Business Logic	Platform Independent Technologies	
Information Mapping / Taxonomy	Component Framework	Business Logic	Platform Independent Technologies	
Pattern Matching	Component Framework	Data Management	Database Connectivity	
Asset Cataloging / Identification	Component Framework	Data Management	Reporting and Analysis	
Issue Tracking	Component Framework	Data Management	Reporting and Analysis	
	Component Framework	Security		
	Component Framework	Security		
	Component Framework	Security		

5. Technical Reference Model (TRM) Table:
To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
	Component Framework	Security		
	Component Framework	Security		
	Component Framework	Security		
	Component Framework	Security		
	Component Framework	Security		
Smart Documents	Component Framework	User Presentation / Interface	Content Rendering	
Ad Hoc	Component Framework	User Presentation / Interface	Dynamic Server-Side Display	
Alerts and Notifications	Component Framework	User Presentation / Interface	Dynamic Server-Side Display	
Standardized / Canned	Component Framework	User Presentation / Interface	Static Display	
Voice Communications	Component Framework	User Presentation / Interface	Wireless / Mobile / Voice	
NEW	Service Access and Delivery	Access Channels	Collaboration / Communications	
Information Sharing	Service Access and Delivery	Access Channels	Collaboration / Communications	
Knowledge Distribution and Delivery	Service Access and Delivery	Access Channels	Collaboration / Communications	
Email	Service Access and Delivery	Access Channels	Collaboration / Communications	
Community Management	Service Access and Delivery	Access Channels	Collaboration / Communications	
Real Time / Chat	Service Access and Delivery	Access Channels	Collaboration / Communications	
Audio Conferencing	Service Access and Delivery	Access Channels	Collaboration / Communications	
NEW	Service Access and Delivery	Access Channels	Collaboration / Communications	
Voice Communications	Service Access and Delivery	Access Channels	Collaboration / Communications	
Real Time / Chat	Service Access and Delivery	Access Channels	Collaboration / Communications	
Indexing	Service Access and Delivery	Access Channels	Other Electronic Channels	
Document Imaging and OCR	Service Access and Delivery	Access Channels	Other Electronic Channels	
Event / News Management	Service Access and Delivery	Access Channels	Other Electronic Channels	
Information Retrieval	Service Access and Delivery	Access Channels	Web Browser	
Instant Messaging	Service Access and Delivery	Delivery Channels	Peer to Peer (P2P)	
	Service Access and Delivery	Service Requirements		
	Service Access and Delivery	Service Requirements		
Content Publishing and Delivery	Service Access and Delivery	Service Requirements	Hosting	
NEW	Service Access and Delivery	Service Requirements	Hosting	
Data Exchange	Service Access and Delivery	Service Transport	Supporting Network Services	
Computer / Telephony Integration	Service Access and Delivery	Service Transport	Supporting Network Services	
Quality Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Configuration Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Process Tracking	Service Interface and Integration	Integration	Enterprise Application Integration	
Property / Asset Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Loading and Archiving	Service Interface and Integration	Integration	Enterprise Application Integration	
Software Distribution	Service Interface and Integration	Integration	Enterprise Application Integration	
NEW	Service Interface and Integration	Integration	Enterprise Application Integration	
Program / Project Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Portfolio Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Strategic Planning and Mgmt	Service Interface and	Integration	Enterprise Application	

5. Technical Reference Model (TRM) Table:
To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
	Integration		Integration	
Risk Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Requirements Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Computers / Automation Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Scheduling	Service Interface and Integration	Integration	Enterprise Application Integration	
Facilities Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Task Management	Service Interface and Integration	Integration	Enterprise Application Integration	
NEW	Service Interface and Integration	Integration	Enterprise Application Integration	
Legacy Integration	Service Interface and Integration	Integration	Enterprise Application Integration	
Enterprise Application Integration	Service Interface and Integration	Integration	Enterprise Application Integration	
Incident Response	Service Interface and Integration	Integration	Enterprise Application Integration	
NEW	Service Interface and Integration	Integration	Enterprise Application Integration	
Performance Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Business Rule Management	Service Interface and Integration	Integration	Enterprise Application Integration	
Data Recovery	Service Interface and Integration	Integration	Middleware	
System Resource Monitoring	Service Interface and Integration	Integration	Middleware	
Data Mart	Service Interface and Integration	Integration	Middleware	
Demand Forecasting / Mgmt	Service Interface and Integration	Integration	Middleware	
Data Warehouse	Service Interface and Integration	Integration	Middleware	
Data Cleansing	Service Interface and Integration	Integration	Middleware	
Data Mining	Service Interface and Integration	Integration	Middleware	
Data Integration	Service Interface and Integration	Integration	Middleware	
Decision Support and Planning	Service Interface and Integration	Integration	Middleware	
Shared Calendaring	Service Interface and Integration	Interface	Service Description / Interface	
Threaded Discussions	Service Interface and Integration	Interface	Service Description / Interface	
Extraction and Transformation	Service Interface and Integration	Interoperability	Data Transformation	
Asset Transfer, Allocation, and Maintenance	Service Interface and Integration	Interoperability	Data Types / Validation	
Query	Service Platform and Infrastructure	Database / Storage	Database	
Meta Data Management	Service Platform and Infrastructure	Database / Storage	Database	
Modeling	Service Platform and Infrastructure	Database / Storage	Database	
Library / Storage	Service Platform and Infrastructure	Database / Storage	Database	
Skills Management	Service Platform and Infrastructure	Delivery Servers	Portal Servers	
Video Conferencing	Service Platform and Infrastructure	Hardware / Infrastructure	Video Conferencing	
Software Development	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment	
License Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Change Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Instrumentation and Testing	Service Platform and	Software Engineering	Test Management	

5. Technical Reference Model (TRM) Table:
To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
	Infrastructure			

a. Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications

b. In the Service Specification field, agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

6. Will the application leverage existing components and/or applications across the Government (i.e., USA.gov, Pay.Gov, etc)? Yes

a. If "yes," please describe.

DOE consolidation of Infrastructure with initiatives such as ITI LOB, IT A76, the expansion by the OCIO of DOE Common Operating Environment (COE), a listing of components (hardware and software) that captures the concept of a common or shared operating environment across an enterprise or organization, and the implementation of MPLS protocols and networking for DOENET provide a basis for addressing the following initiatives that are agency cross-cutting.

ITI LoB Making Progress: The IOI Task Force (under Managing Partner Von Harrison, GSA) established the scope, vision and goals for the project focused on improving cost efficiency and service performance for IT infrastructure. The IOI started with five areas: data centers, voice networks, data networks, help desks and desktop management. The task force then combined the five areas into three: data centers, networks, and end user systems and services and the LoB became ITI LoB. End User Systems and Services (EUSS) was the initial ITI Service Line to be analyzed for performance benchmarking across Federal Agencies. By defining peer industry performance targets and then compiling federal agency performance measures the cost and service level effectiveness was examined for optimization opportunities. The central thrust drives agencies to improve infrastructure service levels and achieve higher cost efficiencies through standardization and other proven best practices. The EUSS benchmarking is completed and the DOE ITI LOB 5 Year Plan updated. DOE Service Lines and the COE provide a framework to leverage for integration.

IPv6 is supported by MPLS as the backbone for DOENET as of January, 2006. On August 2, 2005, the OMB Office of E-Gov and IT issued OMB Memorandum 05-22, "Transition Planning for Internet Protocol Version 6 (IPv6)," directing all Federal government agencies to transition their network backbones to the next generation of the Internet Protocol Version 6 (IPv6), by June 30, 2008. The memorandum identifies several key milestones and requirements for all Federal government agencies in support of the June 30, 2008 target date. IPv6 over MPLS backbones enables isolated IPv6 domains to communicate with each other over an MPLS IPv4 core network. This implementation requires only a few backbone infrastructure upgrades and no reconfiguration of core routers because forwarding is based on labels rather than the IP header itself, providing a very cost-effective strategy for the deployment of IPv6

Exhibit 300: Part II: Planning, Acquisition and Performance Information

Section A: Alternatives Analysis (All Capital Assets)

Part II should be completed only for investments identified as "Planning" or "Full Acquisition," or "Mixed Life-Cycle" investments in response to Question 6 in Part I, Section A above.

In selecting the best capital asset, you should identify and consider at least three viable alternatives, in addition to the current baseline, i.e., the status quo. Use OMB Circular A-94 for all investments and the Clinger Cohen Act of 1996 for IT investments to determine the criteria you should use in your Benefit/Cost Analysis.

1. Did you conduct an alternatives analysis for this project? Yes

a. If "yes," provide the date the analysis was completed? 4/16/2007

b. If "no," what is the anticipated date this analysis will be completed?

c. If no analysis is planned, please briefly explain why:

2. Alternative Analysis Results: * Costs in millions

Use the results of your alternatives analysis to complete the following table:

Alternative Analyzed	Description of Alternative	Risk Adjusted Lifecycle Costs estimate	Risk Adjusted Lifecycle Benefits estimate

3. Which alternative was selected by the Agency's Executive/Investment Committee and why was it chosen?

The Optimized Service Delivery Alternative was selected and reported to the IT Council by the Infrastructure IPT. Analysis conducted in FY 2007 examined alternatives by Infrastructure Service Line. As each Service Line analysis was conducted the Program Manager and the Infrastructure Integrated Project Team review recommended alternatives. Each Infrastructure Service Line analysis was examined with a focus on the baseline of Infrastructure Services to be consistent with IT A76 requirements for infrastructure services. The IPT in reviews recommended a Common Solution across service lines be examined at the conclusion of the individual Service Lines to clearly understand how the integrated infrastructure would establish a new services baseline. AHE was recommended for consolidation using Utility Computing Technologies and Virtual Server Migration solutions. Office Automation looked at Thin Client/Diskless Desktops with Software Distribution Utility Computing Servers. Enterprise Collaboration recommended a converged solution that spans voice, data, web, and video channels for collaborative services. This alternative provided the best path forward for aligning to and working with the IOI LoB.

In the first quarter of FY 2007 analysis of integrated infrastructure service lines was initiated to define a target infrastructure service baseline. This baseline would be enhanced to assure linkage to the Infrastructure Optimization Initiative (IOI) benchmarks. The baseline would also provide a basis for monitoring service levels as they exist and solution migration improvements. FY 2008 was scheduled to be spent refining the baseline for IT A76, and interfacing with IOI benchmark development. With the realignment of the Service Lines, some results will need to be reviewed and coordinated within the new Service Line designation to ensure that redundancy has been eliminated and the most effective and efficient recommendations will be implemented. The baseline will be re-examined, which may also result in a re-baselining of the DOE solution. Ongoing efforts include market scanning to ensure that new technologies are analyzed and incorporated into the alternative as appropriate.

a. What year will the investment breakeven? (Specifically, when the budgeted costs savings exceed the cumulative costs.) 2013

4. What specific qualitative benefits will be realized?

Establishing a clearly understood Infrastructure Baseline/Benchmark. DOE has conducted benchmarking for the Federal portion of the EUSS and was validated by the ITI LOB's independent contractor as well within industry best practices, metrics, and costs. Further analysis of contractor facilities is currently being conducted to align those facilities with the metrics and costing already established in the DOE ITI LOB 5 Year Plan; the remaining functional areas are currently being updated in the next revision of the plan. This recommendation also reduces costs and improves service delivery by meeting the service level agreements already validated by the ITI LOB. DOE is well within industry standards for cost of services.
DOE's IT Vision aims to affect governance and processes in order to provide access to modern, reliable, and secure IT infrastructure and systems to support and enhance DOE's mission in the 21st century. The Department of Energy IT vision is based on principles of modernization, reliability, and security. The IT strategic goals are balanced to reflect these principles, noting three basic requirements: simple access, effective management, and strengthened security. This Consolidated IOAT is integral in supporting DOE's IT Vision. The Consolidated Infrastructure optimized service delivery supports and furthers the IT vision.
DOE continues to promote effective operations by encouraging performance-based management and where appropriate, facilitates restructuring of mission and business related processes before making significant IT investments to improve performance and cost-effectiveness of DOE's information management activities.
Use IT to improve mission accomplishment, at lowest cost. Consolidation creates environment that enables DOE to use technology to continuously improve processes; support President's E-Gov initiatives; supports the consolidation of services

which saves DOE and taxpayer money. DOE has developed and maintains Enterprise Architecture and Capital Planning process that allows DOE's Senior Leaders to make informed decisions when managing IT and recruit, develop, and retain best and brightest for DOE's IT workforce while ensuring effective management of IT Projects to maximize investments.

5. Federal Quantitative Benefits
What specific quantitative benefits will be realized (using current dollars) Use the results of your alternatives analysis to complete the following table:

	Budgeted Cost Savings	Cost Avoidance	Justification for Budgeted Cost Savings	Justification for Budgeted Cost Avoidance
PY - 1 2007 & Prior	0	0	Initial Baselines of I,OA,&T	Initial Baselines of I,OA,&T
PY 2008	0	0	Initial Baselines of I,OA,&T	Initial Baselines of I,OA,&T
CY 2009	0	0.086301	Migrations to Managed Services	Migrations to Managed Services
BY 2010	0	0	Savings are offset by Migration Support Requirements	Investments in Core Technologies and Migrations to Managed Services
BY + 1 2011	0	0	Savings are offset by Migration Support Requirements	Investments in Core Technologies and Migrations to Managed Services
BY + 2 2012	0.059034	0.379023	Service Integration Support Savings	Improved Utilization rates and extended life of resources
BY + 3 2013	0.103891	0.471699	Service Integration Support Savings	Improved Utilization rates and extended life of resources
BY + 4 2014 & Beyond	0.408651	3.168763	Service Integration Support Savings	Improved Utilization rates and extended life of resources
Total LCC Benefit	0.571576	4.105786	LCC = Life-cycle Cost	

6. Will the selected alternative replace a legacy system in-part or in-whole? No

a. If "yes," are the migration costs associated with the migration to the selected alternative included in this investment, the legacy investment, or in a separate migration investment?

b. If "yes," please provide the following information:

5b. List of Legacy Investment or Systems

Name of the Legacy Investment of Systems	UPI if available	Date of the System Retirement

Section B: Risk Management (All Capital Assets)

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

1. Does the investment have a Risk Management Plan? Yes

a. If "yes," what is the date of the plan? 8/29/2007

b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? No

c. If "yes," describe any significant changes:

2. If there currently is no plan, will a plan be developed?

a. If "yes," what is the planned completion date?

b. If "no," what is the strategy for managing the risks?

3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule:

In each IOAT Service Line a full life cycle analysis is made of the total cost of operating each consolidated alternative deemed feasible. Each alternative is evaluated and reviewed for risk exposures.

Each of the risks are scored based on specific criteria such as: Extent to which customers and stakeholders have been identified and included in the change process. Also examined are courses of action needed to mitigate the risk. Based on the risk analysis findings, cost and schedule adjustments are made to mitigate potential impacts of these risks. Where possible, the ability to phase in enterprise maturity levels across the broad stakeholder base of DOE will be addressed to ensure access to modern, reliable, and secure IT infrastructure.

Leveraging the individual Service Line CBAs. It is this baseline combined with benchmark analysis of the IT Infrastructure that provided risk inputs to a five year Infrastructure Optimization Plan submitted and approved in March 2008. The focus of this plan was to assure IT Infrastructure service efficiency and effectiveness across the IT service life cycle.

Section C: Cost and Schedule Performance (All Capital Assets)

EVM is required only on DME portions of investments. For mixed lifecycle investments, O&M milestones should still be included in the table (Comparison of Initial Baseline and Current Approved Baseline). This table should accurately reflect the milestones in the initial baseline, as well as milestones in the current baseline.

1. Does the earned value management system meet the criteria in ANSI/EIA Standard-748?	No
2. Is the CV% or SV% greater than +/- 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100)	No
a. If "yes," was it the CV or SV or both?	
b. If "yes," explain the causes of the variance:	
c. If "yes," describe the corrective actions:	
3. Has the investment re-baselined during the past fiscal year?	No
a. If "yes," when was it approved by the agency head?	

4. Comparison of Initial Baseline and Current Approved Baseline

Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., "03/23/2003"/ "04/28/2004") and the baseline and actual total costs (in $ Millions). In the event that a milestone is not found in both the initial and current baseline, leave the associated cells blank. Note that the 'Description of Milestone' and 'Percent Complete' fields are required. Indicate '0' for any milestone no longer active.

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date (mm/dd/yyyy)	Total Cost ($M) Estimated	Completion Date (mm/dd/yyyy)		Total Cost ($M)		Schedule (# days)	Cost ($M)	
				Planned	Actual	Planned	Actual			
10	FY 2005 and Prior DME	9/30/2005	$58.642000	9/30/2005	9/30/2005	$58.642000	$58.542000	0	$0.100000	100%
11	FY 2005 and Prior O&M	9/30/2005	$991.731000	9/30/2005	9/30/2005	$991.731000	$991.731000	0	$0.000000	100%
12	FY 2005 C300 BY07	9/30/2005	$0.075000	9/30/2005	9/30/2005	$0.075000	$0.040000	0	$0.035000	100%
13	FY 2005 CBA Telecommunications and Networks (Document)	12/13/2004	$0.225000	12/13/2004	12/13/2004	$0.225000	$0.225000	0	$0.000000	100%
20	FY 2006 DME	9/30/2006	$45.476000	9/30/2006	9/30/2006	$45.843000	$45.476000	0	$0.367000	100%
21	FY 2006 O&M	9/30/2006	$845.676000	9/30/2006	9/30/2006	$845.676000	$845.676000	0	$0.000000	100%
22	FY 2006 C300 BY08	9/30/2006	$0.050000	9/30/2006	9/30/2006	$0.050000	$0.050000	0	$0.000000	100%
23	FY 2006 IT A76 Startup - Transition	9/30/2006	$75.000000	9/30/2006	9/30/2006	$75.000000	$75.000000	0	$0.000000	100%
24	FY 2006 CBA - Service Line Analysis	9/30/2006	$1.000000	9/30/2006	9/30/2006	$1.000000	$0.786000	0	$0.214000	100%
1C1	CBA - Application Hosting Environment	8/16/2005	$0.200000	11/15/2005	11/15/2005	$0.200000	$0.160000	0	$0.040000	100%
1C2	CBA - Cyber Security	9/30/2005	$0.200000	9/30/2005	9/30/2005	$0.200000	$0.150000	0	$0.050000	100%
1C3	CBA Office Automation	8/15/2006	$0.200000	9/30/2006	9/30/2006	$0.200000	$0.199000	0	$0.001000	100%
1C4	CBA Voice Networks	8/31/2006	$0.200000	9/30/2006	9/30/2006	$0.200000	$0.161000	0	$0.039000	100%
1C5	CBA Enterprise Collaboration	9/30/2006	$0.200000	9/30/2006	9/30/2006	$0.200000	$0.116000	0	$0.084000	100%
30	FY 2007 DME IT A76	9/30/2007	$7.275000	9/30/2007	9/30/2007	$6.476000	$7.275000	0	-$0.799000	100%
31	FY 2007 DME from M&O contracts	9/30/2007	$43.646000	9/30/2007	9/30/2007	$38.855000	$43.646000	0	-$4.791000	100%
32	FY 2007 O&M IT A76	9/30/2007	$60.335000	9/30/2007	9/30/2007	$59.418000	$60.335000	0	-$0.917000	100%
33	FY 2007 O&M from M&O contracts (with FTE Totals)	9/30/2007	$1,019.643000	9/30/2007	9/30/2007	$1,006.545000	$1,019.643000	0	-$13.098000	100%
34	FY 2007 Update BY08 C300 and integrate Service Line Analysis to define a performance baseline	1/15/2007	$0.360000	3/31/2007	3/31/2007	$0.360000	$0.360000	0	$0.000000	100%
40	FY 2008 DME IT A76	9/30/2008	$5.111000	9/30/2008	9/30/2008	$5.316000	$5.100000	0	$0.216000	100%
41	FY 2008 DME from M&O	9/30/2008	$41.143000	9/30/2008	9/30/2008	$42.790000	$41.140000	0	$1.650000	100%

4. Comparison of Initial Baseline and Current Approved Baseline

Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., "03/23/2003"/ "04/28/2004") and the baseline and actual total costs (in $ Millions). In the event that a milestone is not found in both the initial and current baseline, leave the associated cells blank. Note that the 'Description of Milestone' and 'Percent Complete' fields are required. Indicate '0' for any milestone no longer active.

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date (mm/dd/yyyy)	Total Cost ($M) Estimated	Completion Date (mm/dd/yyyy)		Total Cost ($M)		Schedule (# days)	Cost ($M)	
				Planned	Actual	Planned	Actual			
	contracts									
42	FY 2008 O&M IT A76	9/30/2008	$63.844000	9/30/2008	9/30/2008	$60.976000	$57.927000	0	$3.049000	100%
43	FY 2008 O&M from M&O contracts (with FTE Totals)	9/30/2008	$1,019.643000	9/30/2008	9/30/2008	$976.283000	$927.469000	0	$48.814000	100%
44	FY 2009 DME ITI LOB Telecommunications Systems and Support	9/30/2009	$3.785000	9/30/2009	3/31/2009	$3.785000	$2.215000	183	-$0.322500	50%
45	FY 2009 DME ITI LOB Mainframes and Servers Services and Support	9/30/2009	$24.194000	9/30/2009	3/31/2009	$24.194000	$7.060000	183	$5.037000	50%
46	FY 2009 DME ITI LOB End User Systems and Support	9/30/2009	$9.924600	9/30/2009	3/31/2009	$9.924600	$5.290000	183	-$0.327700	50%
47	FY 2009 DME ITI LOB Cyber Security	9/30/2009	$3.886000	9/30/2009	3/31/2009	$3.886000	$6.215000	183	-$4.272000	50%
48	FY 2009 O&M ITI LOB Telecommunications Systems and Support	9/30/2009	$239.675000	9/30/2009	3/31/2009	$239.675000	$69.367000	183	$50.470500	50%
49	FY 2009 O&M ITI LOB Mainframes and Servers Services and Support	9/30/2009	$337.503000	9/30/2009	3/31/2009	$337.503000	$153.154000	183	$15.597500	50%
50	FY 2009 O&M ITI LOB End User Systems and Support	9/30/2009	$491.905000	9/30/2009	3/31/2009	$491.905000	$196.052000	183	$49.900500	50%
51	FY 2009 O&M ITI LOB Cyber Security	9/30/2009	$98.764000	9/30/2009	3/31/2009	$98.764000	$31.848000	183	$17.534000	50%
52	FY 2009 FTE ITI LOB Totals	9/30/2009	$2.930000	9/30/2009	3/31/2009	$2.930000	$1.599000	183	-$0.134000	50%
53	FY 2010 DME ITI LOB Telecommunications Systems and Support	9/30/2010	$4.113000	9/30/2010		$4.113000				0%
54	FY 2010 DME ITI LOB Mainframes and Servers Services and Support	9/30/2010	$19.844430	9/30/2010		$19.844430				0%
55	FY 2010 DME ITI LOB End User	9/30/2010	$8.412800	9/30/2010		$8.412800				0%

4. Comparison of Initial Baseline and Current Approved Baseline

Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., "03/23/2003"/ "04/28/2004") and the baseline and actual total costs (in $ Millions). In the event that a milestone is not found in both the initial and current baseline, leave the associated cells blank. Note that the 'Description of Milestone' and 'Percent Complete' fields are required. Indicate '0' for any milestone no longer active.

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date (mm/dd/yyyy)	Total Cost ($M) Estimated	Completion Date (mm/dd/yyyy)		Total Cost ($M)		Schedule (# days)	Cost ($M)	
				Planned	Actual	Planned	Actual			
	Systems and Support									
56	FY 2010 DME ITI LOB Cyber Security	9/30/2010	$3.901500	9/30/2010		$3.901500				0%
57	FY 2010 O&M ITI LOB Telecommunications Systems and Support	9/30/2010	$204.232500	9/30/2010		$204.232500				0%
58	FY 2010 O&M ITI LOB Mainframes and Servers Services and Support	9/30/2010	$267.073500	9/30/2010		$267.073500				0%
59	FY 2010 O&M ITI LOB End User Systems and Support	9/30/2010	$375.473070	9/30/2010		$375.473070				0%
60	FY 2010 O&M ITI LOB Cyber Security	9/30/2010	$80.567500	9/30/2010		$80.567500				0%
61	FY 2010 FTE ITI LOB Totals	9/30/2010	$3.034547	9/30/2010		$3.034547				0%
62	FY 2011 DME	9/30/2011	$3.490000	9/30/2011		$3.490000				0%
63	FY 2011 O&M	9/30/2011	$92.130000	9/30/2011		$92.130000				0%
64	FY 2011 FTE ITI LOB Totals	9/30/2011	$2.650000	9/30/2011		$2.650000				0%
65	FY 2012 DME	9/30/2012	$3.790000	9/30/2012		$3.790000				0%
66	FY 2012 O&M	9/30/2012	$96.000000	9/30/2012		$96.000000				0%
67	FY 2012 FTE ITI LOB Totals	9/30/2012	$2.760000	9/30/2012		$2.760000				0%
68	FY 2013 DME	9/30/2013	$4.067891	9/30/2013		$4.067891				0%
69	FY 2013 O&M	9/30/2013	$97.179000	9/30/2013		$97.179000				0%
70	FY 2013 FTE ITI LOB Totals	9/30/2013	$1.980000	9/30/2013		$1.980000				0%
71	FY 2014 DME	9/30/2014	$4.421233	9/30/2014		$4.421233				0%
72	FY 2014 O&M	9/30/2014	$93.380000	9/30/2014		$93.380000				0%
73	FY 2014 FTE ITI LOB Totals	9/30/2014	$1.900000	9/30/2014		$1.900000				0%
Project Totals		**9/30/2014**	**$6,861.842571**	**9/30/2014**	**3/31/2009**	**$6,798.228571**	**$4,653.221000**	**2009**	**$168.082703**	**70.92%**